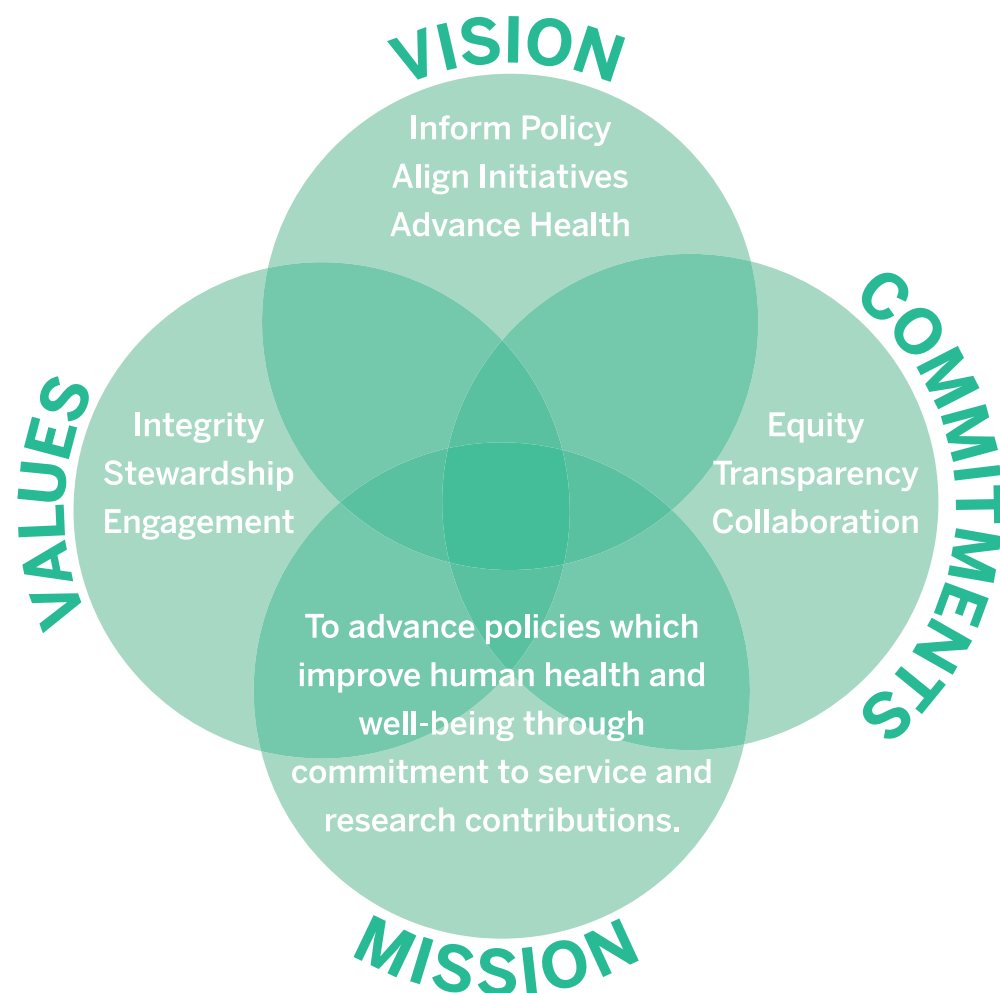


2019 ANNUAL IMPACT REPORT

BOWEN CENTER FOR HEALTH WORKFORCE RESEARCH & POLICY

Our mission is to advance policies which improve human health and well-being through commitment to service and research contributions. In this report you will find the direct impact our mission has had on the state of Indiana.



2019 ANNUAL IMPACT REPORT

PREPARED:

June 30, 2019

PREPARED BY:

Bowen Center for Health Workforce Research and Policy

Indiana University School of Medicine

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BOWEN CENTER: A YEAR IN REVIEW

Advancing policies which improve human health and well-being is the primary mission of the Bowen Center for Health Workforce Research and Policy. We pursue this mission through activities in two strategic areas: Informing and Aligning. This report provides a summary of the activities that we have engaged in to fulfill this mission during the past fiscal year.

All health workforce resources produced by the Bowen Center are available for download under the "Resources" Tab on the [Bowenportal.org](https://bowenportal.org).

INFORMING POLICY

Using health workforce information to **INFORM** policy and programming is central to the work of the Bowen Center. Health Workforce Data Coordination and Research is the primary mechanism by which the Bowen Center contributes to informing policy initiatives. Much of this work is accomplished in partnership with the State of Indiana.

SPECIFIC ACTIVITY AREAS INCLUDES:

- **Indiana Health Workforce Data Management**
 - The Bowen Center provides expert technical assistance for health professional license renewal survey questionnaire development and implementation
 - License and license renewal survey data are managed and stored in the Indiana Health Workforce Data Library
- **Health Professions Supply Reports and Policy Briefs**
 - The Bowen Center produces a series of resources for selected health professions each biennium
- **Bowen Portal**
 - The Bowen Center developed and maintains this web based resource which provides stakeholders with the opportunity to customize and interact with Indiana Health Workforce Data
- **Evaluation Projects**
 - The Bowen Center provides support for health workforce related evaluation projects
- **Special Reports**
 - The Bowen Center publishes special reports examining health workforce issues identified as priorities by the State of Indiana
- **Technical Assistance**
 - The Bowen Center provides technical assistance to stakeholders through the completion of data and research requests.

SUPPORTING ALIGNMENT

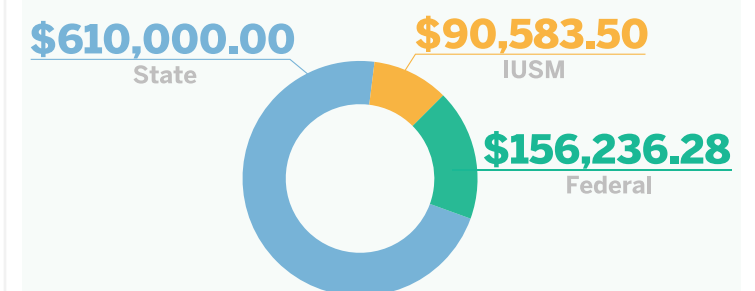
ALIGNMENT of health workforce related initiatives is critical to advancing effective policy solutions. The Bowen Center contributes to the alignment of health workforce initiatives by providing and/or supporting forums for collaboration, learning, and information sharing.

SPECIFIC ALIGNMENT ACTIVITIES INCLUDE:

- **Governor's Health Workforce Council**
 - The Bowen Center provides administrative and expert technical support to the Council and associated workgroups, including coordinating meeting logistics, performing ad hoc research, meeting facilitation, etc.
- **Occupational Licensing Policy Learning Consortia**
 - The Bowen Center provides expert technical assistance to Indiana Core Team
- **Indiana Rural Opioid Consortia**
 - Bowen Center serves as an academic partner and provides health workforce related expertise to this initiative.

Funding for the Bowen Center (7/1/18-6/30/18)

\$856,819.78
Total Funding



ADVANCING HEALTH

Everything the Bowen Center does can be categorized as advancing health. Our mission is to improve human health and well being through commitment to service and research contributions.



INFORMING

Health Workforce Data
Coordination, Research,
& Reporting Outcomes



BOWEN PORTAL

Longitudinal trends launched in July 2019

Pharmacists data available on Portal

Updated existing health professions data on Portal



EVALUATION

Approximately 77 dental students rotated through community health center dental clinics and provided patient care to underserved populations

Findings of evaluation informed State of Indiana's state loan repayment program grant application to federal government (awarded)



12 HEALTH PROFESSIONS SUPPLY DATA REPORTS AND POLICY BRIEFS

Invited presentation on the State of Indiana's Dental Workforce to Admission Committee of the Indiana University School of Dentistry

Indiana State Nurses Association cited workforce supply data from 2018 Registered Nurse Data Report in legislative testimony

Information on physician workforce supply presented to Indiana Medical Licensing Board

Information on physician supply presented to the Graduate Medical Education Board



5 SPECIAL REPORTS

Addiction Report findings informed or supported four legislative initiatives in 2019 (SB 117, SB 268, SB 577, SR 12)

Telemedicine report informed or supported 2019 Senate Resolution 12



INDIANA HEALTH WORKFORCE DATA MANAGEMENT

Incorporated new health profession data for longitudinal tracking

Licensure survey for physicians and nurses restructured to identify providers offering labor and delivery services & addiction treatment



ALIGNING

Policy Coordination
Outcomes



OCCUPATIONAL LICENSING POLICY LEARNING CONSORTIA

Nurse Licensure Compact Brief

Nurse Licensure Compact signed into law (2019 HEA 1344)

REPLICA/EMA Compact Brief

Informed SB 510 on REPLICA

Licensure Compact Learning Lab held 12/11/18 with 60 attendees

Occupational Regulation track at 2019 Indiana Health Workforce Summit



GOVERNOR'S HEALTH WORKFORCE COUNCIL

State Loan Repayment Bill proposed HB 1218

HRSA/State Loan Repayment Program proposal awarded \$300,000 matching funds to support workforce recruitment in shortage areas

Bowen Biweekly Bill Brief developed to track health workforce related bills throughout the legislative session

Licensure survey questions reviewed and approved by Council, to collect information critical to multiple state agencies and stakeholders

Recommendations developed for community health worker regulation in Indiana



INDIANA HEALTH WORKFORCE SUMMIT

160 individuals attended 4th year for event

Increased legislative involvement, media attention & attendance by national organizations



INDIANA RURAL OPIOID CONSORTIA

Supported implementation

Identified Indiana human resources executives perceived barriers to behavioral health workforce recruitment

Supported Indiana Rural Health Association on development of proposal for implementation grant

Survey tool developed to identify provider-perceived barriers to Medication-Assisted Treatment



TECHNICAL ASSISTANCE

7 presentations on findings at national conferences:
- 6 AAMC
- 1 Academy Health

Research informed House Bill 1652 Permitting Qualified Medication Aides to administer insulin under standing orders in Long Term Care Facilities

Information provided on mental and psychiatry shortages for legislative forum in Tippecanoe County

Incorporated response option on registered nurse license renewal survey to identify Sexual Assault Nurse Examiner (SANE) nurses.

Performed research and provided summary of practice act provision for administration of vaccine by health professions to inform Senate Bill 228

National Academy for State Health Policy performed case study on Indiana's health workforce initiatives

Nevada had legislation proposed to require completion of licensure survey after consultation with the Bowen Center

Pennsylvania implementing state government/academic partnership to support federal shortage area designation activities

Oregon Center for Nursing exploring development of tools similar to Bowen Portal to support state wide health workforce planning

Bowen Center invited to present on health workforce policy priorities at National Conference of State Legislatures' Health and Human Service Chairs convening

Bowen Center served as primary expert on leveraging health workforce data to inform state health policy at the National Governors Association meeting: Improving capacity for delivering health care services

One-pager on SEA 223 impact sent to professional associations and employers

In total, 11 presentations given to national audiences

Indiana addiction treatment capacity and workforce characteristics identified as a part of Indiana University Grand Challenge Projects

BOWEN CENTER IMPACT SNAPSHOT

14
NEW HEALTH PROFESSIONS
SUPPLY REPORTS

4,704
TOTAL DOWNLOADS

2,199
TOTAL VIEWS

#1 DOWNLOADED RESOURCE



Registered
Nurse Data
Report

Number of Downloads for the
Hottest Resources

- 843 RN Data Report
- 787 Physician Data Report
- 661 Addiction Counselor Report
- 526 Physician Brief
- 430 Oral Health Data Report

Technical Assistance Provided to Stakeholders

LOCAL
MEDIA

- WRTV
- Indiana Commission Improving the Status of Children
- Indiana General Assembly
- Department of Workforce Development
- Indiana Commission to Combat Drug Abuse
- Indiana Professional Licensing Agency
- Indiana State Department of Health
- Family & Social Services Administration

STATE
ORGANIZATIONS

EDUCATION

- Education Consultant
- IU School of Medicine
- Marion University
- IU School of Dentistry
- IU School of Nursing
- IU Communications
- Oral Health Research Institute
- IU Clinical Education & Clerkships

HOSPITAL/HEALTH
ORGANIZATIONS ASSOCIATIONS

- Indiana Osteopathic Association
- Indiana Rural Health Association
- Indiana Hospital Association
- Indiana Primary Health Care Association
- Area Health Education Centers
- Raphael Health Center
- Indiana Council of Community Mental Health Centers
- St. Catherine Hospital
- University of Southern Illinois
- Certification Consultants, Inc.
- Valley Oaks Health
- Indiana Dental Association
- Brashear Consulting
- Hall, Render, Killian, Heath & Lyman
- Nursing Associations
- Kaybee.us

COMMUNITY
HEALTH CONTRACTORS

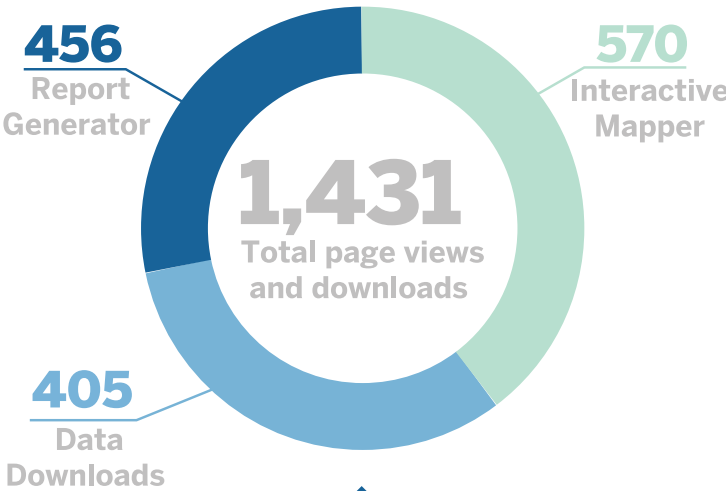
Legislative Impact

Objective information produced by the Bowen Center was used by stakeholders to inform 10 legislative initiatives in the 2019 session

- Addiction Report → SB 117, SB 268, SB 577, SR 12
- Telemedicine Report → SR 12
- Technical Assistance Requests → HEA 1652 SEA 228
- Governor's Health Workforce Council → HB 1218
- Occupational Licensing Policy Learning Consortia → SB 510 HEA 1344

www.BowenPortal.org

Unique Page Views/Visits in the Last Year
(June '18 - May '19)

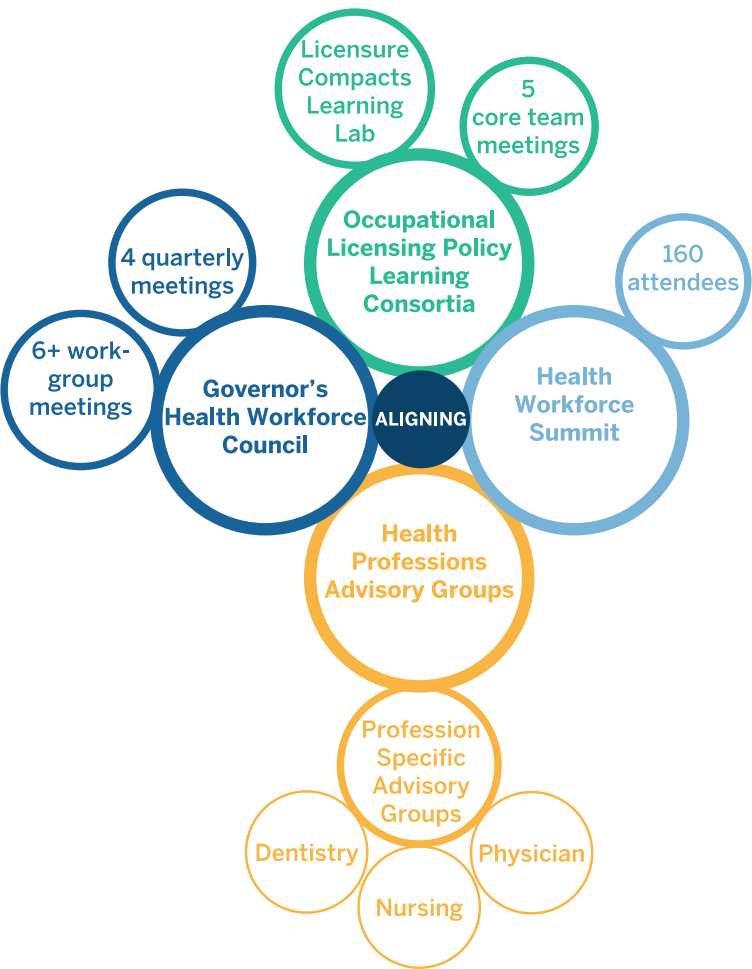


NOW AVAILABLE ON THE PORTAL:
PHARMACIST DATA AND LONGITUDINAL TRENDS

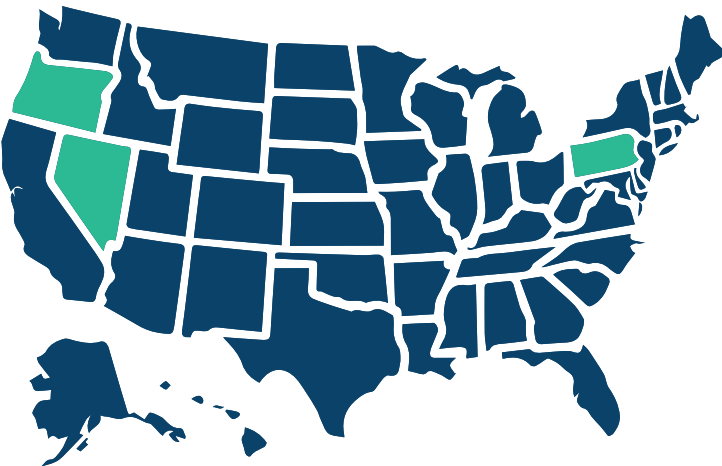
Advancing Health Through Data Stewardship

35
New HPSAs
Obtained this Year

Supporting Alignment Through Convening



National Impact



3
States
Consulted

11
Presentations Given
to National Audiences

BOWEN CENTER FOR HEALTH WORKFORCE RESEARCH & POLICY

ABOUT THE BOWEN CENTER

Named in honor of Otis R. Bowen, M.D., former Governor of Indiana, Secretary of Health and Human Services for the United States, Chair of the National Governors Association, and committed family medicine physician, the Bowen Center for Health Workforce Research & Policy is housed in the Indiana University School of Medicine's Department of Family Medicine. Serving alongside stakeholders such as state and federal agencies, nonprofit organizations, academic partners, health professionals, employers, and community advocates, the Bowen Center's work focuses on analyzing complex health sector issues and developing strategic solutions.

www.bowenportal.org

MISSION:

To advance policies which improve human health and well-being through commitment to service and research contributions.

VISION:

Inform policy. Align initiatives. Advance health.

COMMITMENTS:

Equity, transparency, collaboration.

VALUES:

Integrity, stewardship, engagement.



Evaluation
Scholarship
Information Portal



Policy Evaluation
Problem Definition
Policy Strategy & Design
Policy Analysis



Collection
Management
Reporting

MEET THE TEAM



**Hannah L. Maxey, PhD,
MPH, RDH**
Director



Sierra Vaughn, MPH
Health Services Research
Analyst



Courtney Randolph, MPH
Health Policy Analyst



Marnie Baker, BGS, PMP
Program Coordinator

Ongoing financial support is provided by the Indiana State Department of Health, Indiana Family Social Services Administration, and the Indiana Department of Workforce Development. Although the Bowen Center maintains this data system, the data remain the property of the State of Indiana. Data tools were developed by The Polis Center at Indiana University Purdue University Indianapolis in collaboration with Bowen and the IU Department of Biostatistics.

